

IN THE SPECIFICATION

Page 1, after line 3, please insert --Background of the
Invention--;

Page 4, after line 2, please insert --Summary of the
Invention--;

Page 6, after line 12, please insert --Brief Description of
the Drawings--;

Page 7, after line 11, please insert --Description of the
Preferred Embodiment--.

IN THE CLAIMS

Please amend the claims as follows. Claims 3-9 are
amended. A marked-up copy of the amended claims is attached.

3. (amended) The method of claim 1, wherein the
actually measured reflectivity is related to the reflectivity of
a reference material, on which at least one layer is built up.

4. (amended) The method of claim 1, wherein, at the
end of a process step or of the whole process, a layer of the
same material as a substrate material, on which at least one
layer is built up, is washed and its characteristics are
compared with the characteristics present at the start of the
process.

5. (amended) The method of claim 1, wherein the
material properties are monitored at the same time, at least,